



ELSEVIER

Colloids and Surfaces  
A: Physicochemical and Engineering Aspects 128 (1997) vii–viii

COLLOIDS  
AND  
SURFACES

A

## Contents of Volume 128

*(Special Issue: Surfactants in Solution. A collection of papers presented at the 11th International Symposium on Surfactants in Solution, in June 1996, held in Jerusalem, Israel)*

Preface .....	ix
Microstructure analysis at the percolation threshold in reverse microemulsions B. Antalek, A.J. Williams, J. Texter (Rochester, USA), Y. Feldman and N. Garti (Jerusalem, Israel) .....	1
Phase and aggregative characterization of micellar systems A.I. Rusanov, F.M. Kuni and A.K. Shchekin (St. Petersburg, Russia) .....	13
The hydrolysis of phosphatidylcholine by phospholipase A <sub>2</sub> in microemulsion as microreactor N. Garti (Jerusalem, Israel), D. Lichtenberg (Tel Aviv, Israel) and T. Silberstein (Jerusalem, Israel) .....	17
Equilibrium vesicles: fact or fiction? R.G. Laughlin (Cincinnati, OH, USA) .....	27
A Fourier transform pulsed-gradient spin echo nuclear magnetic resonance self-diffusion study of microemulsions and the droplet size determination V.D. Fedotov, Y. Zuev, V.P. Archipov, Z.S. Idiyatullin (Kazan, Russia) and N. Garti (Jerusalem, Israel) .....	39
Dielectric spectroscopy of microemulsions Y. Feldman, N. Kozlovich, I. Nir and N. Garti (Jerusalem, Israel) .....	47
Surface freezing in mixtures of molten alkanes and alcohols A. Doerr (Ramat-Gan, Israel, Kiel, Germany), X.Z. Wu (DeKalb, IL, USA, Argonne, IL, USA), B.M. Ocko (Upton, NY, USA), E.B. Sirota (Annandale, NJ, USA), O. Gang and M. Deutsch (Ramat-Gan, Israel) .....	63
Interaction between carboxymethylchitin and tetradecyltrimethylammonium bromide: phase separation, surface tension and stability of microscopic foam films and foams V.G. Babak, G.A. Vikhoreva and I.G. Lukina (Moscow, Russia) .....	75
Catalytic colloidal Pd dispersions in water–organic solutions of quaternary ammonium salt Y. Berkovich and N. Garti (Jerusalem, Israel) .....	91
Equilibrium structures from surfactant bilayers: charged versus neutral fluid membranes G. Porte and J. Oberdisse (Montpellier, France) .....	101
The composition of mixed surfactants and cationic polymer/surfactant mixtures adsorbed at the air–water interface J. Penfold (Didcot, UK), E. Staples, I. Tucker, A. Creeth, J. Hines, L. Thompson, P. Cummins (Bebington, UK), R.K. Thomas and N. Warren (Oxford, UK) .....	107
Fluctuations in the structure of interfaces D.J. Bukman, A.B. Kolomeisky and B. Widom (Ithaca, NY, USA) .....	119
Rates of solubilization of triolein into nonionic surfactant solutions B.-H. Chen, C.A. Miller (Houston, Texas, USA) and P.R. Garrett (Bebington, Wirral, UK) .....	129
Surface activity and property of polyethyleneoxide (PEO) in water M.W. Kim (Seoul, Korea) .....	145
Stability of emulsions under equilibrium and dynamic conditions I.B. Ivanov and P.A. Kralchevsky (Sofia, Bulgaria) .....	155
Thermodynamics of organized solutions: solution science of biological systems K. Shinoda (Lund, Sweden) .....	177
Biomolecular materials: structure, interactions and higher order self-assembly C.R. Safinya (Santa Barbara, CA, USA) .....	183

The importance of sub-angstrom distances in mixed surfactant systems for technological processes S.Y. Shiao, A. Patist, M.L. Free, V. Chhabra, P.D.T. Huibers, A. Gregory, S. Patel and D.O. Shah (Gainesville, FL, USA) .....	197
Films of di-chained surfactants in microemulsions J. Eastoe, K.J. Hetherington, D. Sharpe, J. Dong (Bristol, UK), R.K. Heenan (Chilton, UK) and D. Steytler (Norwich, UK) .....	209
Ultrasonic velocity measurement of crystallization rates of palm oil in oil–water emulsions Y. Hodate, S. Ueno, J. Yano (Higashi-Hiroshima, Japan), T. Katsuragi (Tokyo, Japan), Y. Tezuka, T. Tagawa (Yokohama, Japan), N. Yoshimoto (Morioka, Japan) and K. Sato (Higashi-Hiroshima, Japan) .....	217
Effects of lung surfactant specific protein SP-B and model SP-B peptide on lipid monolayers at the air–water interface KaY.C. Lee, M.M. Lipp, J.A. Zasadzinski (Santa Barbara, CA, USA) and A.J. Waring (Los Angeles, CA, USA) .	225
Effects of film size and micellar polydispersity on film stratification A.D. Nikolov and D.T. Wasan (Chicago, IL, USA) .....	243
Flexible membranes with anchored polymers R. Lipowsky (Teltow, Germany) .....	255
Microemulsions as reaction medium for surfactant synthesis S. Gutfelt, J. Kizling and K. Holmberg (Stockholm, Sweden) .....	265
Fractal approach to the liquid crystal formation of alkylbenzenesulphonates in solutions Đ Težak, N. Jalšenjak, S. Punčec and M. Martinis (Zagreb, Croatia) .....	273
<i>Author Index</i> .....	277
<i>Subject Index</i> .....	279

